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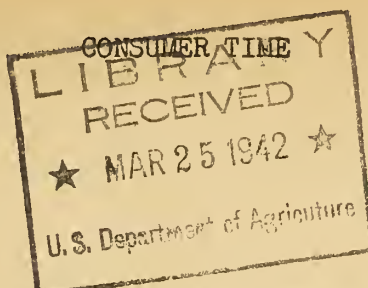
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Produced by Consumers' Counsel Division of the Department of Agriculture,
and presented in cooperation with Defense and non-Defense agencies
of the United States Government working for consumers.

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1. ANNOUNCER: This is CONSUMER TIME.
2. SOUND: CASH REGISTER -- CLOSE DRAWER
3. NANCY: That's your money buying food.
4. SOUND: CASH REGISTER
5. REPORTER: That's your money paying for a home.
6. SOUND: CASH REGISTER
7. NANCY: That's your money buying clothes and the thousands
of other things you need.
8. REPORTER: That's you . . paying for these things . . money out
of your pockets.
9. SOUND: CASH REGISTER • CLOSE DRAWER

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10. . ANNOUNCER: Are you getting the most for your money. Is it buying you the strength and health and courage that will mean victory for the American way?

Each week at this hour CONSUMER TIME brings you facts that will make your pennies and dollars go farther and bring more of the things that you and all Americans need. This program is produced by your Consumers' Counsel in the Department of Agriculture, and is presented in cooperation with United States Government agencies working for consumers.

And here today are your consumer reporters - Nancy Ordway ---

11. NANCY: On the spot!

12. ANNOUNCER: And Ken Banghart ---

13. KEN: How to protect yourself against moths.

14. ANNOUNCER: And here too is that smart young housewife who's always ready to get the facts - and use them - Mrs. Evelyn Freyman.

15. FREYMAN: But I don't need any facts on how to protect myself against moths. It's my woolens that I'm worried about.

16. KEN: I didn't mean to insinuate that you yourself look motheaten, Mrs. Freyman, but they will be eating into your pocketbook and your comfort as well as your woolens - unless you guard against them. This year - with woolens so precious - moths rank as one of America's really dangerous enemies. That's why I said protect yourself.
17. FREYMAN: Well - however you put it, Ken - I'll certainly welcome some anti-moth protection. I don't want to have the same thing that happened last year.
18. KEN: I know. You forgot to have all your woolens cleaned before you put them away for the summer, and so when you went to get them in the fall ---
19. FREYMAN: No, that's just the point. I did have them cleaned. What's more, I put them away in a cedar closet. And then, when the first fall days came ---
- (PAUSE)
20. DAVID: (OFF, CALLING) Evelyn - honey!
21. FREYMAN: (NEAR MIKE) Yes, David ---?
22. DAVID: Where's my tweed suit? I can't find it anyplace.
23. FREYMAN: It must be in the cedar closet. I stored all our woolens in there.

24. DAVID: Oh - the cedar closet.... Hey - it's locked!
25. FREYMAN: That's right - I did lock it. Just a minute - till I get the key.
26. DAVID: (FADING IN) What's the idea? You locking the moths out?
27. FREYMAN: Now, don't try to be funny. No self-respecting moth would think of going into a cedar closet.
28. DAVID: No moth is self-respecting... Honey - why don't you open the door?
29. FREYMAN: I can't remember where I put the key.
30. DAVID: But I'll be late to the office! I can't wear a palm-beach suit with the thermometer down to ---
31. FREYMAN: Oh, now I know where it is. In the radiator pan.
32. DAVID: The radiator pan!
33. FREYMAN: I thought we'd be using them both at about the same time.
34. SOUND: RATTLE OF TIN.
35. FREYMAN: Here - you can unlock it.
36. SOUND: KEY IN LOCK. DOOR OPENS.
37. DAVID: Gee - all in paper bags!

38. FREYMAN: I left those on for extra protection - just in case a moth that wasn't self-respecting should creep in through the keyhole.
39. DAVID: But which one's my suit?
40. FREYMAN: I don't know. Guess we'll just have to tear them open ---
41. SOUND: PAPER BAG TEARING.
42. FREYMAN: No, this is my winter coat.
43. SOUND: ANOTHER BAG TEARING.
44. DAVID: Here's my suit. Gee - looks just like new! Almost.
45. FREYMAN: It's a smart idea - having the things cleaned before we put them away for the summer. The cleaning destroys any moths or eggs that might be in them, and ---
46. DAVID: Hey! Here's a hole!
47. FREYMAN: Where? Let me see ---
48. DAVID: Moths!
49. FREYMAN: But it can't be! Those bags were sealed across the bottom.
50. DAVID: Maybe the moth climbed in at the top and down the hanger ---
51. FREYMAN: David - look! My winter coat too!

52. DAVID: Holy cats!

53. FREYMAN: Oh, dearrrr! And I tried so hard ---!

(PAUSE)

54. KEN: Well, that was pretty tough luck, Mrs. Freyman.

55. FREYMAN: But I want to know why it happened, Ken. Why -- after I'd taken every precaution ---

56. KEN: Not quite ~~every~~ precaution.

57. FREYMAN: What didn't I do?

58. KEN: You didn't seal those bags completely. That moth probably did climb in at the top and down along the hanger.

59. FREYMAN: In a cedar closet?

60. KEN: Just in itself a cedar closet isn't any protection. And you should have sealed the bags with gummed paper. And if you store anything away in trunks or boxes, you ought to seal those, too. Airtight.

61. FREYMAN: And you guarantee -- that if I do that -- no moths will get in?

62. KEN: I don't absolutely guarantee.

63. FREYMAN: Then ~~why~~ ---

64. KEN: You see, there might be a moth already in there.
65. FREYMAN: Oh. Well, what should I do in a case like that?
66. KEN: Well - just to make sure - you ought to sprinkle some paradichlorobenzene on your woolens before you seal them up.
67. FREYMAN: Some what?
68. KEN: Paradichlorobenzene.
69. FREYMAN: Would you say that slowly?
70. KEN: Para - di - chloro - benzene.
71. FREYMAN: Paradichlorobenzene.
72. KEN: That's it.
73. FREYMAN: How do you spell it?
74. KEN: P-A-R-A ---
75. FREYMAN: P-A-R-A ---
76. KEN: D-I
77. FREYMAN: P-A-R-A-D-I ---
78. KEN: chloro, C-H-L-O-R-O ---
79. FREYMAN: C-H-L-O-R-O ---
80. KEN: Benzene, B-E-N-Z-E-N-E.



81. FREYMAN: B-E-N-Z-E-N-E.
82. KEN: Paradichlorobenzene. You can get it at any drugstore.
83. FREYMAN: How much does it cost?
84. KEN: About forty to fifty cents a pound.
85. FREYMAN: A pound What form does it come in?
86. KEN: Crystals.
87. FREYMAN: And I just sprinkle them over my woolens.
88. KEN: Uh - huh. And be sure you get it in the folds.
You'll need about a pound for a trunkful of clothes.
89. FREYMAN: And how much for a closet?
90. KEN: Oh, a pound will take care of about hundred cubic feet of closet space.
91. FREYMAN: But the crystals won't stay in the folds - if the clothes are hanging up.
92. KEN: Well, in a closet you can sprinkle them on the top shelf - or set them in a shallow dish up there. You see, you want them up high because the fumes of the paradichlorobenzene are heavier than air and will work downward.
93. FREYMAN: I see. And by sealing the closet or box or whatever - you keep those fumes in.

94. KEN: That's the idea. There are three main steps in defense against moths. First - be sure your woolens are absolutely clean. Either by dry cleaning, or - if they're things like wool sox and sweaters - by washing. Next - protect them with paradichlorobenzene crystals. And third - seal them up airtight.
95. FREYMAN: You haven't said anything about spraying, Ken.
96. KEN: Because those moth sprays don't do any good unless they actually hit the moths.
97. FREYMAN: Oh. Well, what about brushing woolens - and hanging them out in the sun?
98. KEN: Yes, a thorough brushing's next best to cleaning and washing. Moths simply can't stand sunshine. They drop right off.
99. FREYMAN: Well, you've certainly given us plenty of pointers, Ken - if they only work.
100. KEN: They'll work all right - if you only use them. And if you'd like to have these pointers on hand for easy reference you can get a copy by writing in to your Consumers' Counsel at the Department of Agriculture here in Washington.
101. FREYMAN: You've printed them on a Consumers' Tips card?
102. KEN: We have. All the points about having your clothes clean - and taping up the containers - even the word paradichlorobenzene.
103. FREYMAN: Well, even for that word alone it would be worth my while to drop you a line and say I'd like a copy of your Tips on moths.

104. NANCY: And you'd better have a copy of my free gift too, Mrs. Freyman. It will help you take that first important step in anti-moth protection.
105. FREYMAN: You mean - by removing spots from clothes.
106. NANCY: And from blankets - and rugs - and all your other household equipment. Things will last a lot longer, you know, if you keep them clean.
107. FREYMAN: Yes, I know that. All I need to know is how to get rid of the spots.
108. NANCY: Okay, I'll help you. What kind would you like to get rid of?
109. FREYMAN: Well, I wish you'd been at our dinner table the other evening. We had a brand ~~ole~~ clean table cloth ---
- (PAUSE)
110. SOUND: FADE IN SOUND OF SERVING. PLATES, CUTLERY
111. FREYMAN: Now do be careful serving, darling. This is our good cloth, and we've got to keep it clean for tomorrow.
112. DAVID: What's happening tomorrow?
113. FREYMAN: You know - we're having the Baxters over for dinner.
114. DAVID: What?

1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

2. In the second part of the paper the author gives a detailed account of the experiments which have been carried out in this field.

3. The third part of the paper is devoted to a discussion of the results of the experiments. It is shown that the results are in good agreement with the theory.

4. In the fourth part of the paper the author gives a summary of the results of the experiments.

5. The fifth part of the paper is devoted to a discussion of the conclusions which can be drawn from the experiments.

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115. FREYMAN: I told you a week ago.
116. DAVID: You mean I have to sit through a whole evening of ---
117. FREYMAN: Darling - look out with that dish of cranberries!
118. DAVID: You know how he bores me.
119. FREYMAN: David ---!
120. DAVID: I suppose you like him! I suppose ---
121. FREYMAN: Look what you've done!
122. DAVID: Oh....! Gee, I - I must have tipped the dish.
123. FREYMAN: Quick! Cranberries will stain!
124. SOUND: DISHES AND SILVER PUSHED ASIDE.
125. DAVID: Now, you just leave this to me. I'll take care of it.
126. FREYMAN: What do you know about removing spots?
127. DAVID: Plenty. I read about it in a book.
128. FREYMAN: But you'll need some water.
129. DAVID: I've got some - in this glass.
130. SOUND: TINKLE OF ICE IN GLASS.
131. FREYMAN: Isn't that water rather cold?
132. DAVID: It's supposed to be.

133. FREYMAN: Where did you ever read that cold water removes ---?
134. DAVID: In a mystery story.
135. FREYMAN: A mystery story!
137. DAVID: Sure. The murderer used it to remove the blood stains.
138. FREYMAN: But these aren't blood stains.
139. DAVID: They're stains - aren't they? And they're red.
140. FREYMAN: Yes, and I think you're just making them look worse.
141. DAVID: Gee, maybe you ^{will} have to phone Mrs. Baxter and ---
142. FREYMAN: I'll do no such thing. If you go spilling on purpose - just to get out of ---
143. DAVID: Honey, I didn't. I ---
144. FREYMAN: Well, anyhow, we've got to have the Baxters for dinner - even if we have to eat off the bare table!!

(PAUSE)

144. FREYMAN: (ON CUE) And that's what we did, Nancy --- the bare table and some doilies. As for the table cloth, the more my husband rubbed that stain - the stubbornner it seemed to get.
145. NANCY: No wonder - with ice water!
146. FREYMAN: What should we have used?

147. NANCY: Boiling hot water - for berry stains - poured from a height of about two feet.
148. FREYMAN: Why from a height?
149. NANCY: Because the water hits the stain with more force. First, you stretch the cloth over the top of a saucepan - and fasten it tight with a rubber band. Then pour the boiling water right down through the stain.
150. FREYMAN: Do you think we can get that cranberry stain out that way?
151. NANCY: I should think so - since you didn't use soap on it. Soap tends to set a berry stain.
152. FREYMAN: Lucky the mystery story didn't recommend soap!
153. NANCY: Well, it was right about the blood stains.
154. FREYMAN: Use cold water?
155. NANCY: Uh-huh. You should always use cold water on a blood stain first.
156. FREYMAN: And then what?
157. NANCY: Well, it depends on whether the material is silk or cotton or ---
158. FREYMAN: Apparently the rules for removing spots vary a good deal.

160. NANCY: They do - according to the kind of spot, and the kind of fabric. But there are a few rules which apply to all of them ---
161. FREYMAN: Could you tell us a few?
162. NANCY: Yes.... Rule one says - be sure you know what caused the stain ---
163. FREYMAN: You mean - whether it's blood or berries or ---
164. NANCY: Right. And you must know what kind of fabric you have too. And of course you've got to know something about the various cleaning agents.
165. FREYMAN: Cleaning agents ---?
166. NANCY: The stuff you use for taking out spots. There are three main kinds. Absorbents - like fuller's earth, and cornmeal, and chalk ---
167. FREYMAN: How do they help clean?
168. NANCY: Just the way blotting paper does. They're good for soaking up grease - say - from a spot on your rug. . That is, if there's no dirt or metal mixed with the grease.
169. FREYMAN: Well, what about using liquid spot cleaner - the kind that comes in cans?

170. NANCY: Well, that's another kind of cleaning agent - a solvent. Instead of soaking up the substance that caused the spot, solvents dissolve it.
171. FREYMAN: Where does water come in?
172. NANCY: That's a solvent too, and it should be used whenever possible. Even spots on unwashable materials can sometimes be sponged off with water.
173. FREYMAN: So we have absorbents and solvents. What's the other kind of cleaning agent?
174. NANCY: Bleaches. They remove the spot by making it fade away. But they can only be used on white materials, like tableclothes and towels.
175. FREYMAN: I see. And what's the best blech?
176. NANCY: Sunlight. It's the simplest and the safest.
177. FREYMAN: But the sun isn't always out.
178. NANCY: True enough. So you may want to use lemon juice instead - or peroxide, or Javelle water. But be sure you know how to use them.
179. FREYMAN: How can I be sure?
180. NANCY: Well, it's always a good idea to try a little of the cleaning agent someplace where it won't show - like the inside of a hem on a dress.

181. FREYMAN: But I wouldn't even know which agent to try --
with so many different kinds of spots and fabrics ---
182. NANCY: Well, with the help of the Bureau of Home Economics,
we've prepared a booklet you can have if you like.
Thirteen pages packed full of information ---
183. FREYMAN: How to remove different kinds of stains?
184. NANCY: Uh-huh - ink stains, grass stains, rust, mildew ---
185. FREYMAN: Say, I want one of those! That'd be marvelous to
have around the house.
186. NANCY: Well, you can get a copy - free - if you just write
in to the Consumers' Counsel - Department of
Agriculture - here in Washington. And now I'm going
to ask him to speak to us in person. Our Consumers'
Counsel, Donald Montgomery ---
188. MONTGOMERY:

189. FREYMAN: Well, as usual, Mr. Montgomery, you've given us consumers some food for thought - as well as a few thoughts we can put into action.
190. MONTGOMERY: And I'll try to have some more ready for you next week.
191. FREYMAN: What are the subjects for next week?
192. MONTGOMERY: Well, Nancy here will report on ---
193. NANCY: The ~~sp~~ices of life.
194. MONTGOMERY: And Ken ---
195. KEN: How to make your rubber stretch.
196. FREYMAN: (LAUGHING) Rubber and spices for next week. Apparently CONSUMER TIME believes in the theory that variety is the spice of life.
197. NANCY: We do. Variety in subjects, as well as in menus.
198. FREYMAN: Good. I'll be here. But first I want to be sure I get my copy of the Consumer Tips card you're offering to us this week - to add to my growing file. You know, Nancy, those Tips cards come in awfully handy. They're just the right size to fit into my file - or into my purse, when I go shopping.

199. NANCY: That's what we planned them for - so they'd be convenient for you to keep and use - and give you the most important facts, to help you get your money's worth.
200. FREYMAN: And today, beside the Tips on moths, you're offering the thirteen-page booklet of how to remove all kinds of stains. Everything from rust to chewing gum. Is that right?
201. NANCY: That's right. And they're free to all of you who write in and ask. Just address your requests to the Consumers' Counsel - Department of Agriculture - Washington, D.C. Tell us you want the Tips on moths and the booklet on removing stains - and give us your own name and address and the call letters of the radio station to which you are listening.
203. KEN: I'll repeat that address - so you can jot it down. Consumers ' Counsel. C-O-N-S-U-M-E-R-S - Consumers'. C-O-U-N-S-E-L - Counsel. Consumers' Counsel - Department of Agriculture - Washington, D. C. Tell us you want the Tips on moths and the booklet on stain removal - and we'll be glad to send them to you. Be sure to give your own name and address and the call letters of the radio station over which you heard this program.

Next week CONSUMER TIME will bring you more valuable facts from your Consumers' Counsel in the Department of Agriculture - presented in cooperation with Government agencies working for consumers.

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